

FIG. 1

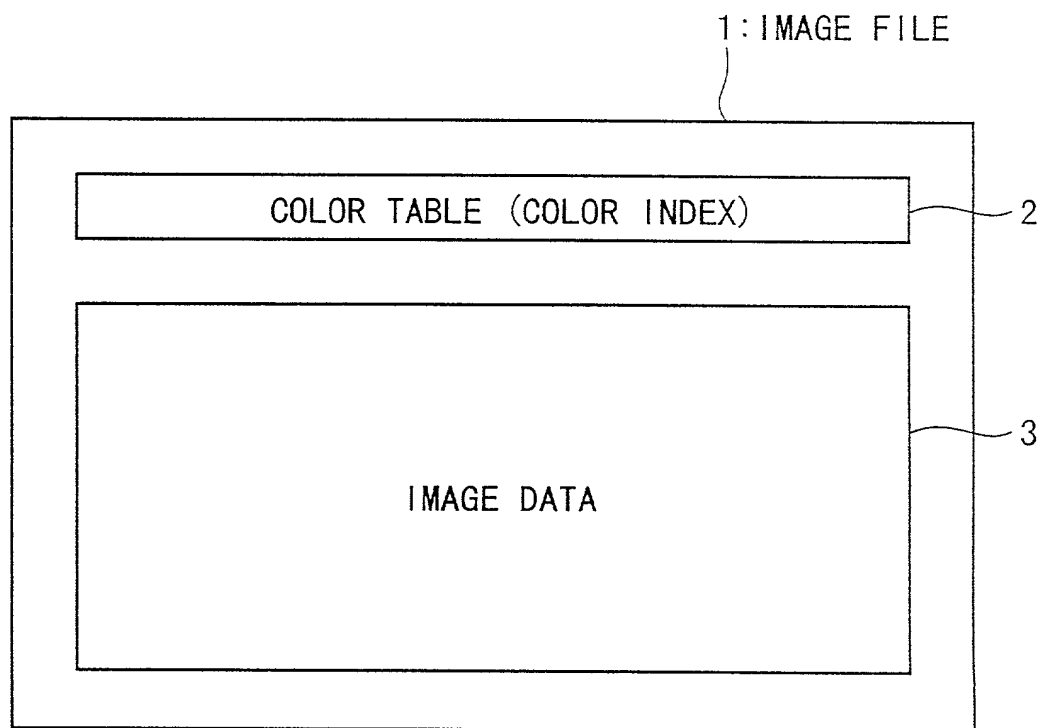


FIG. 3

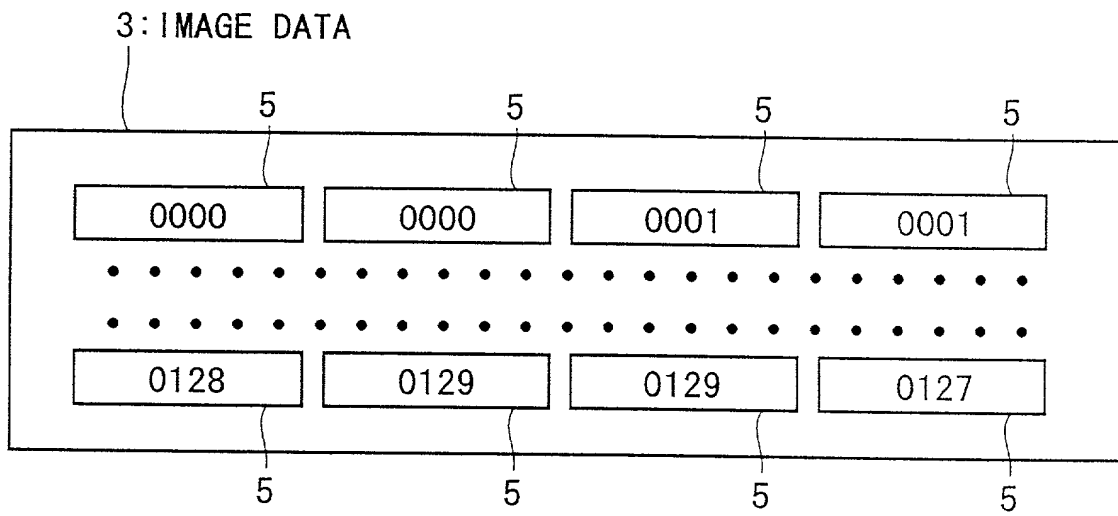


FIG. 4

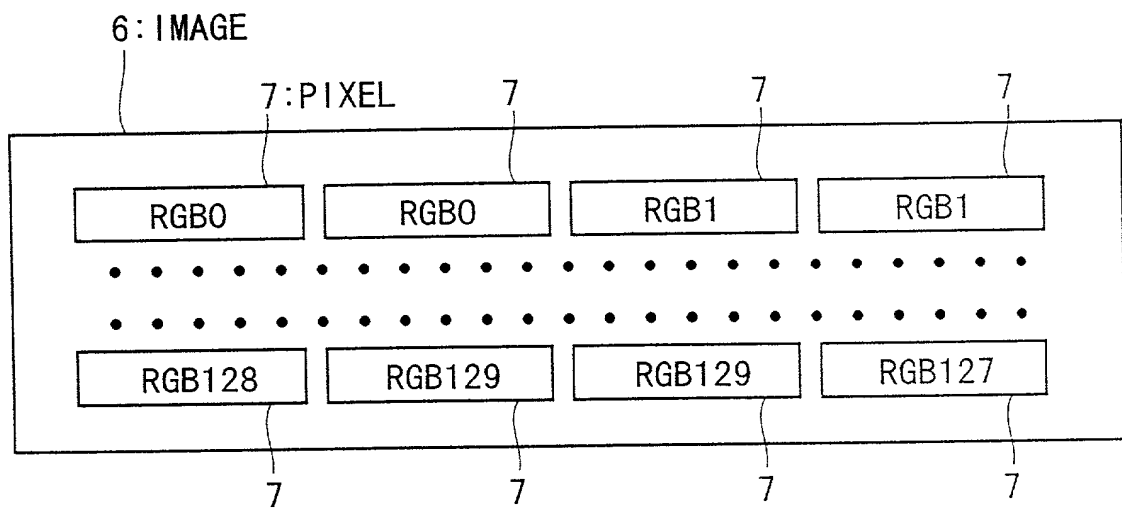
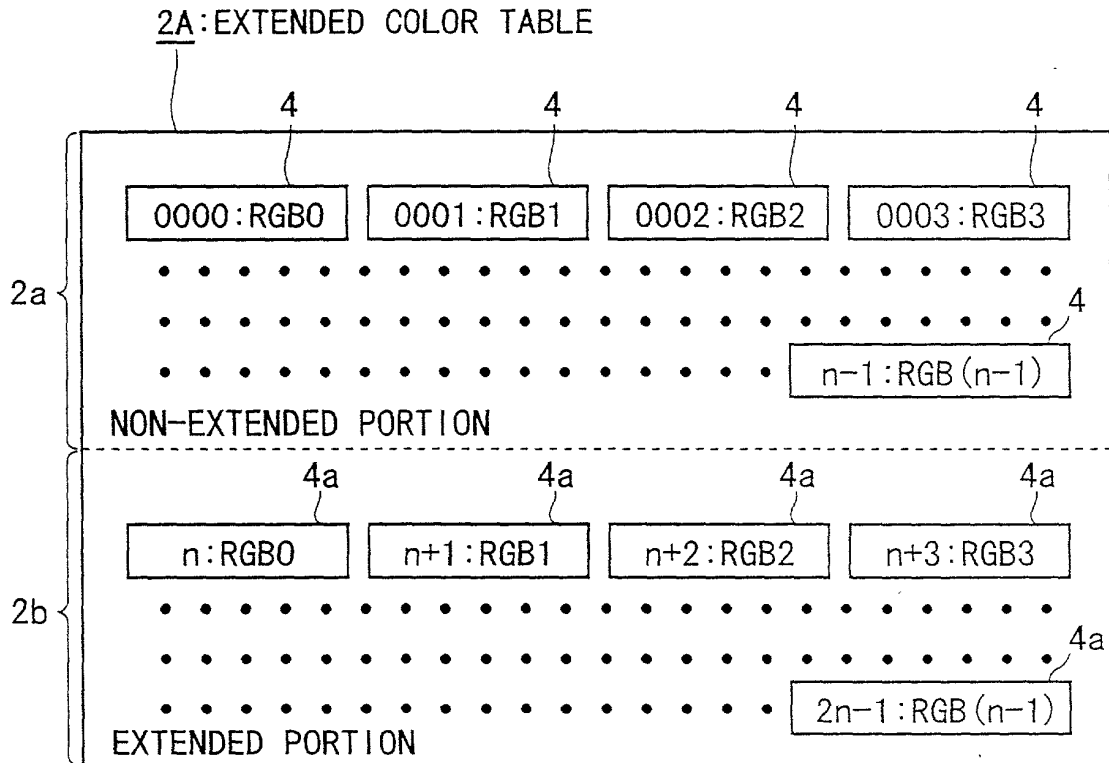


FIG. 5



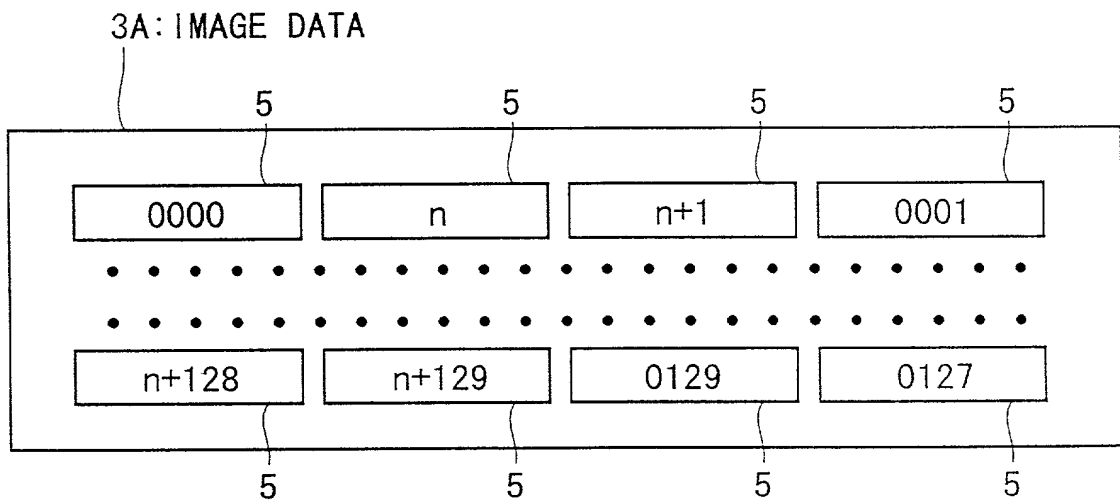
n: MAXIMUM COLOR NUMBER OF ORIGINAL IMAGE

FIG. 6

0 1 1 0 0 1 0 0 1 1 1 0 1 1 0 0

15

FIG. 7



n: MAXIMUM COLOR NUMBER OF ORIGINAL IMAGE

FIG. 8

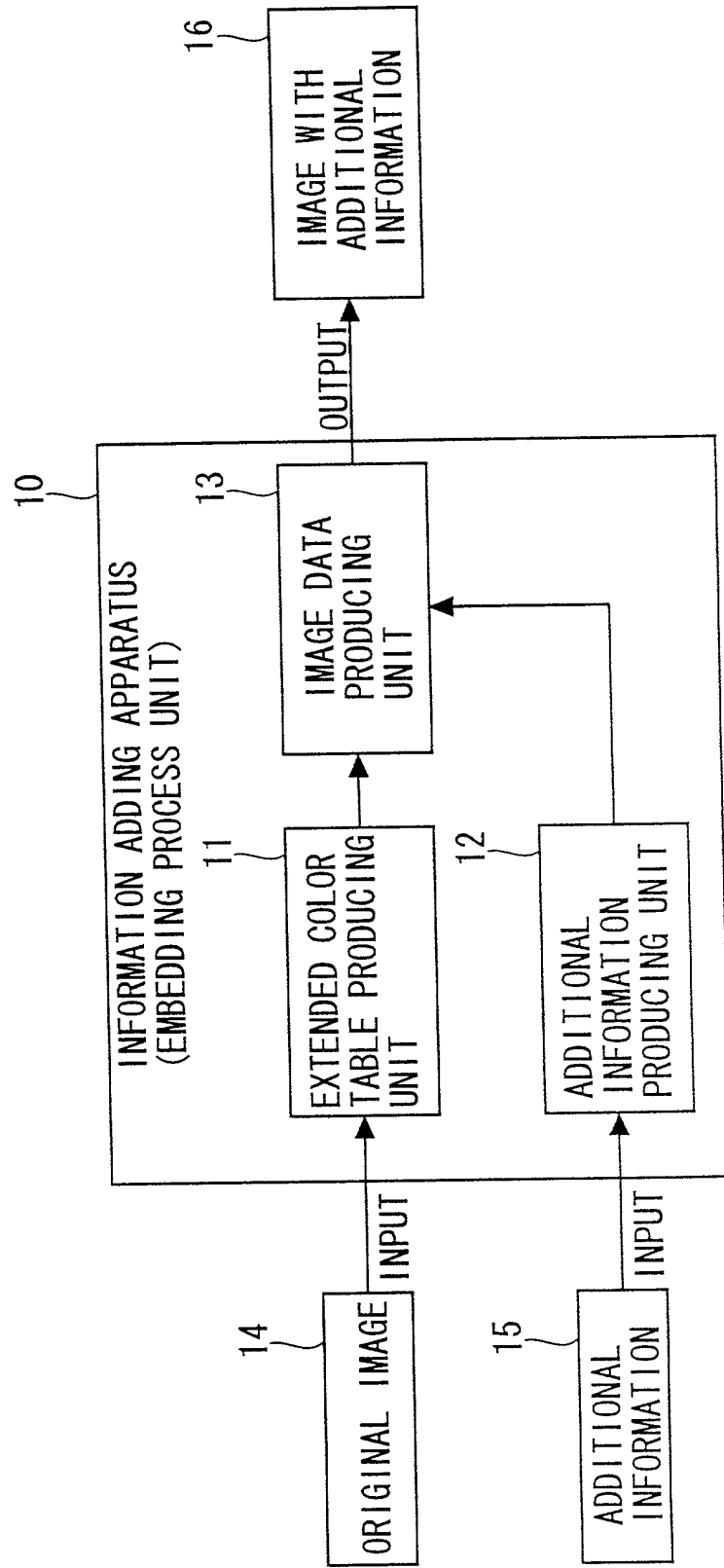


FIG. 9

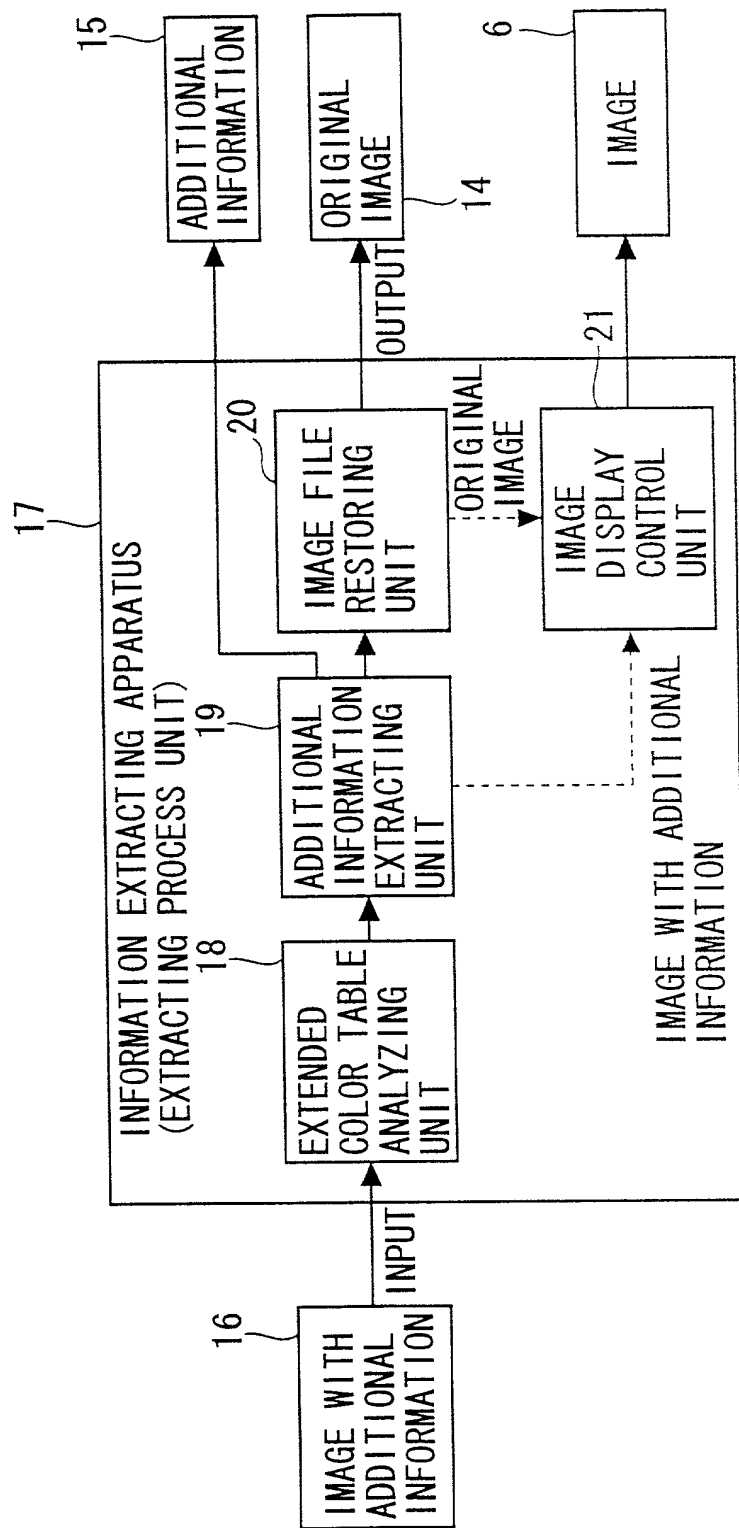


FIG. 10

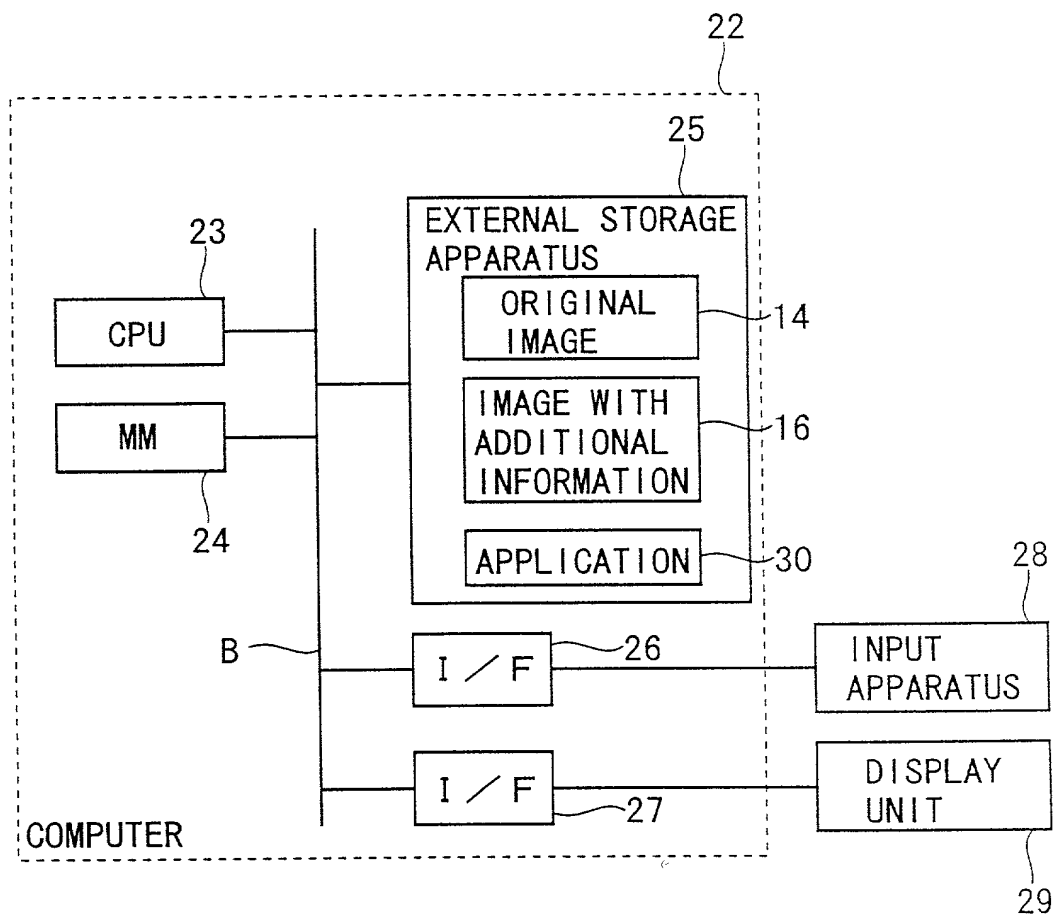


FIG. 11

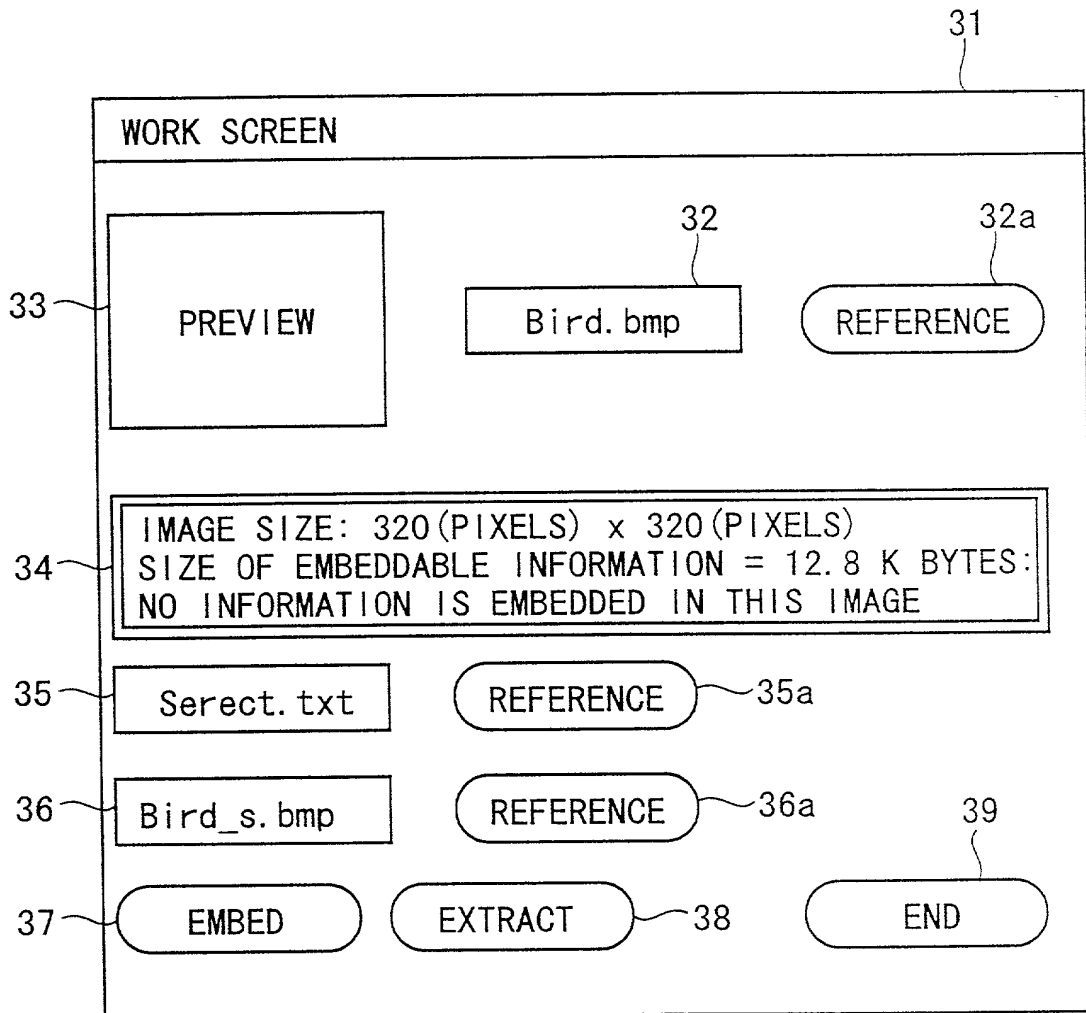


FIG. 12

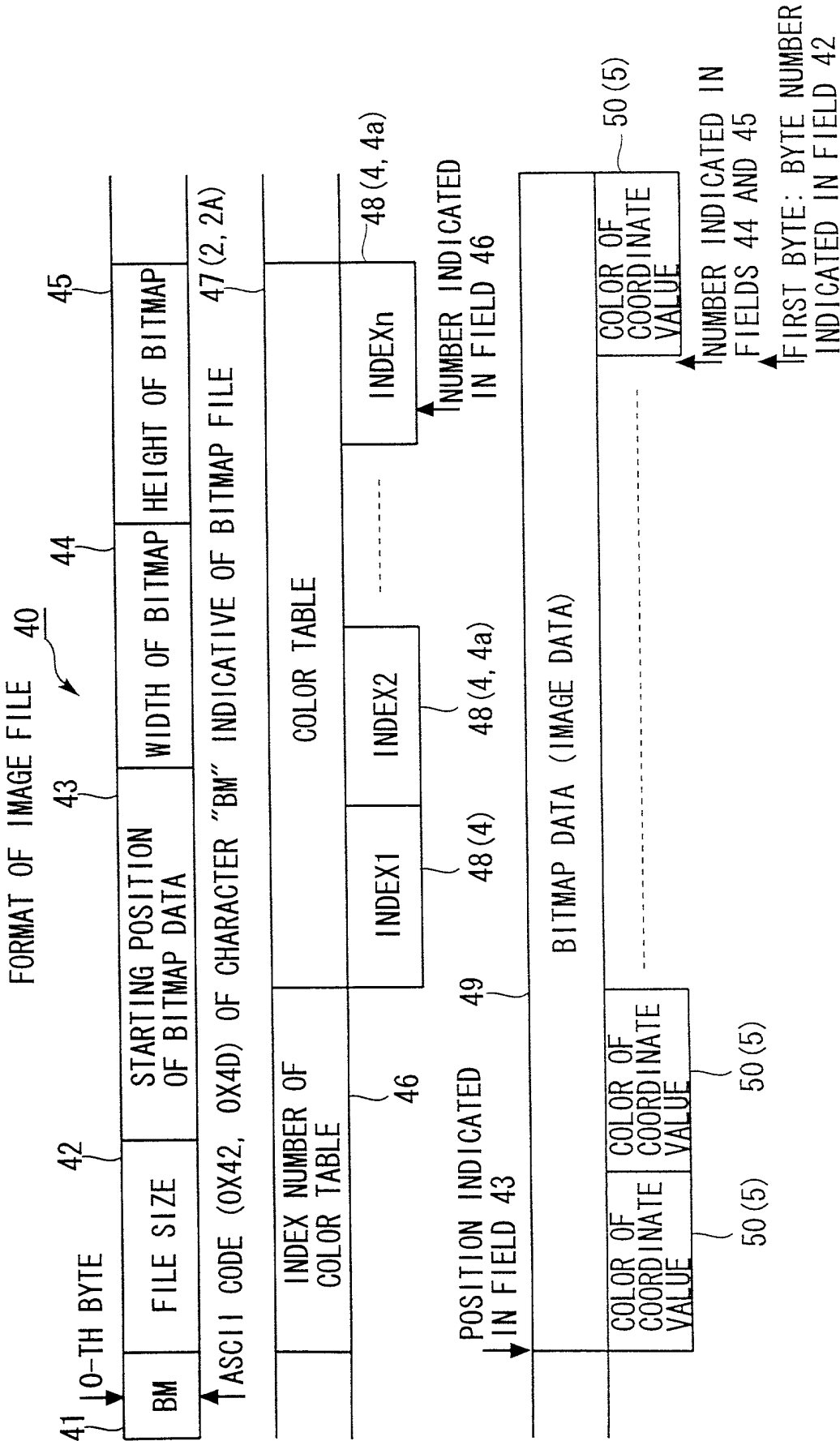


FIG. 13

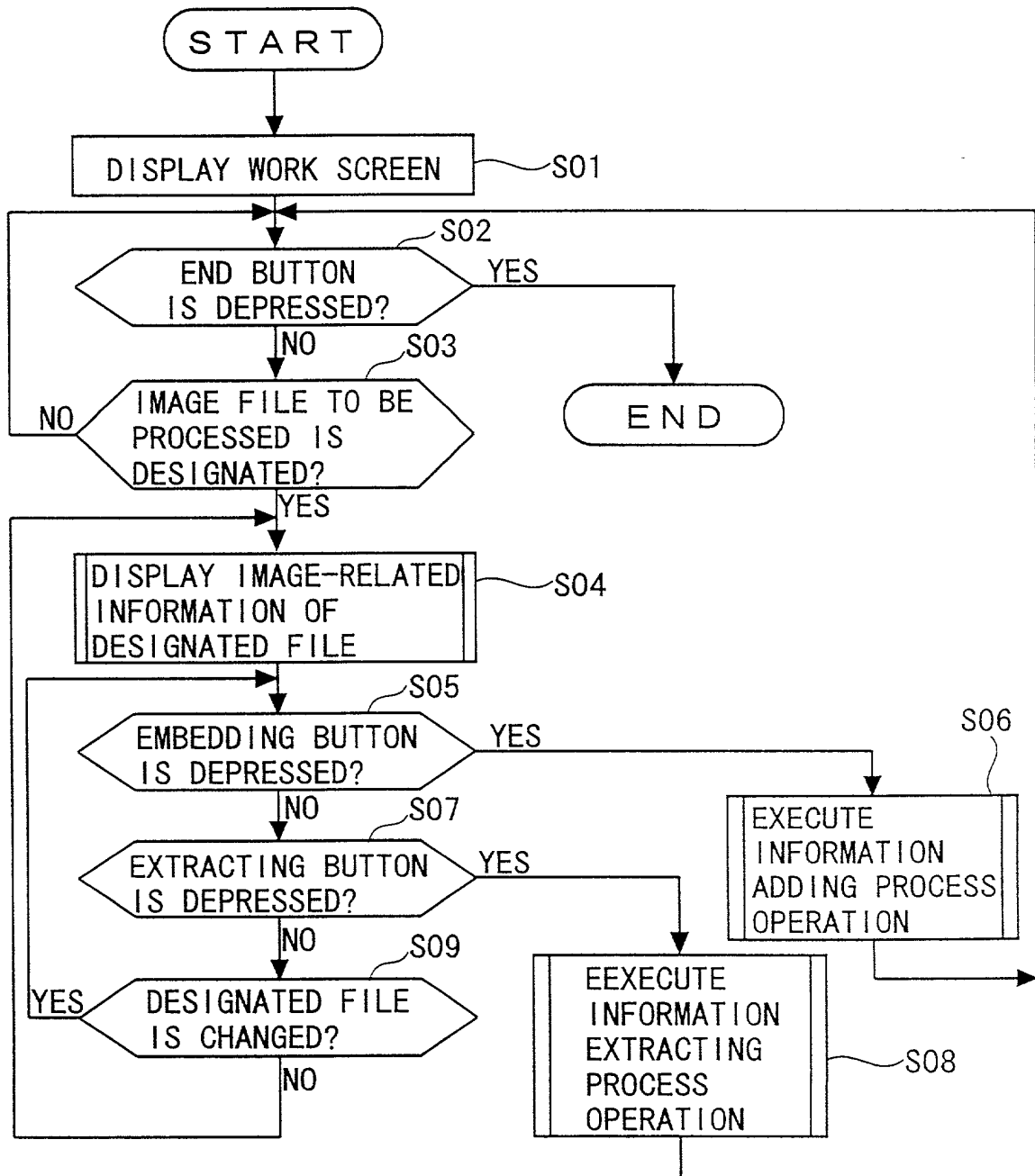


FIG. 14

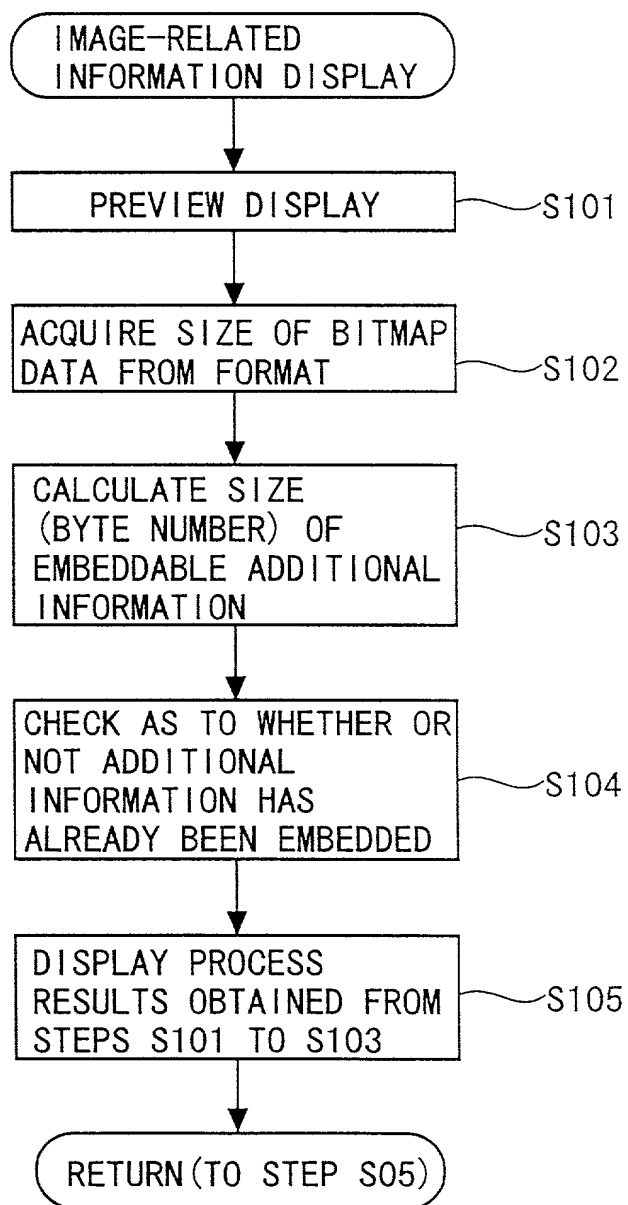


FIG. 15

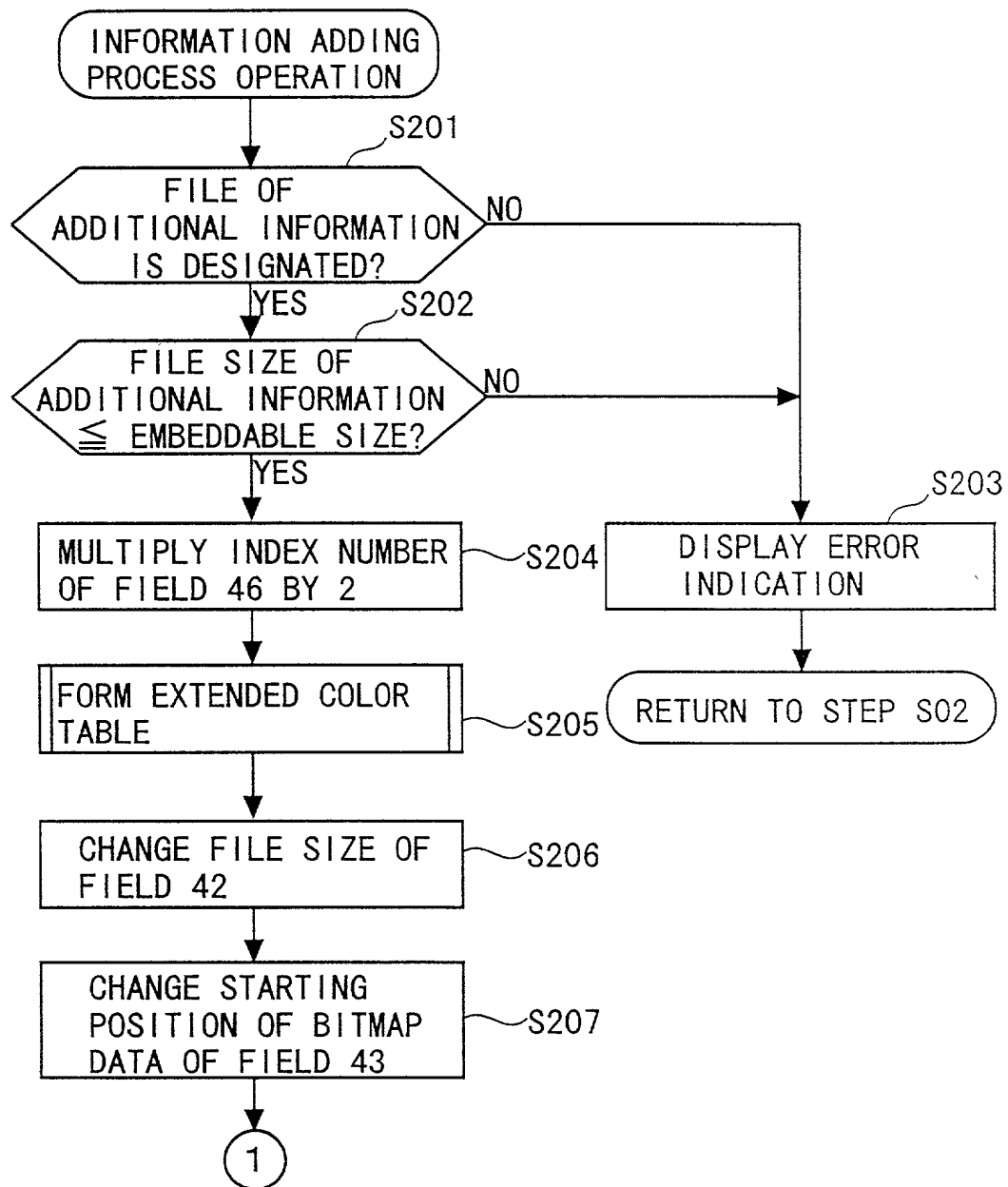


FIG. 16

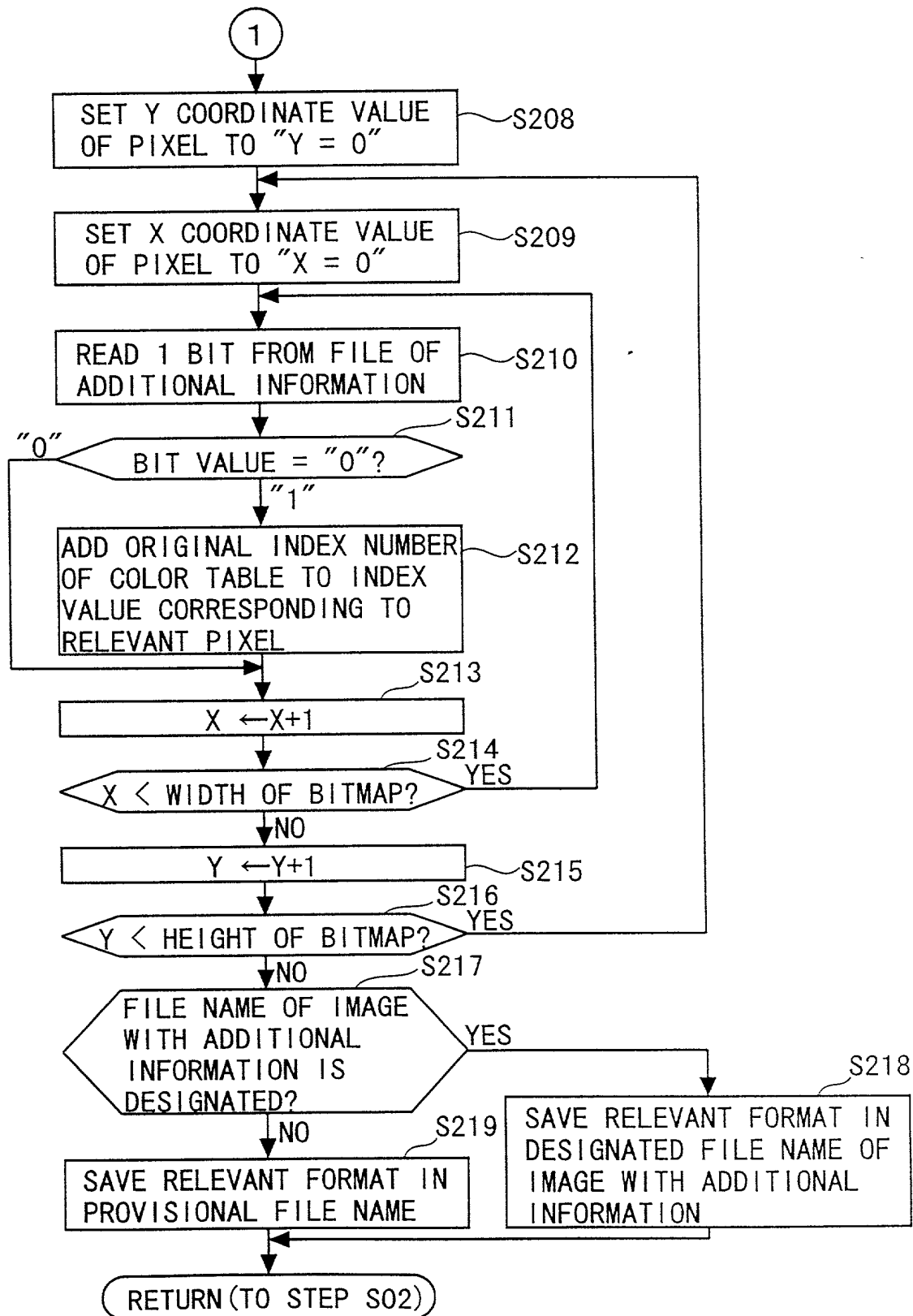


FIG. 17

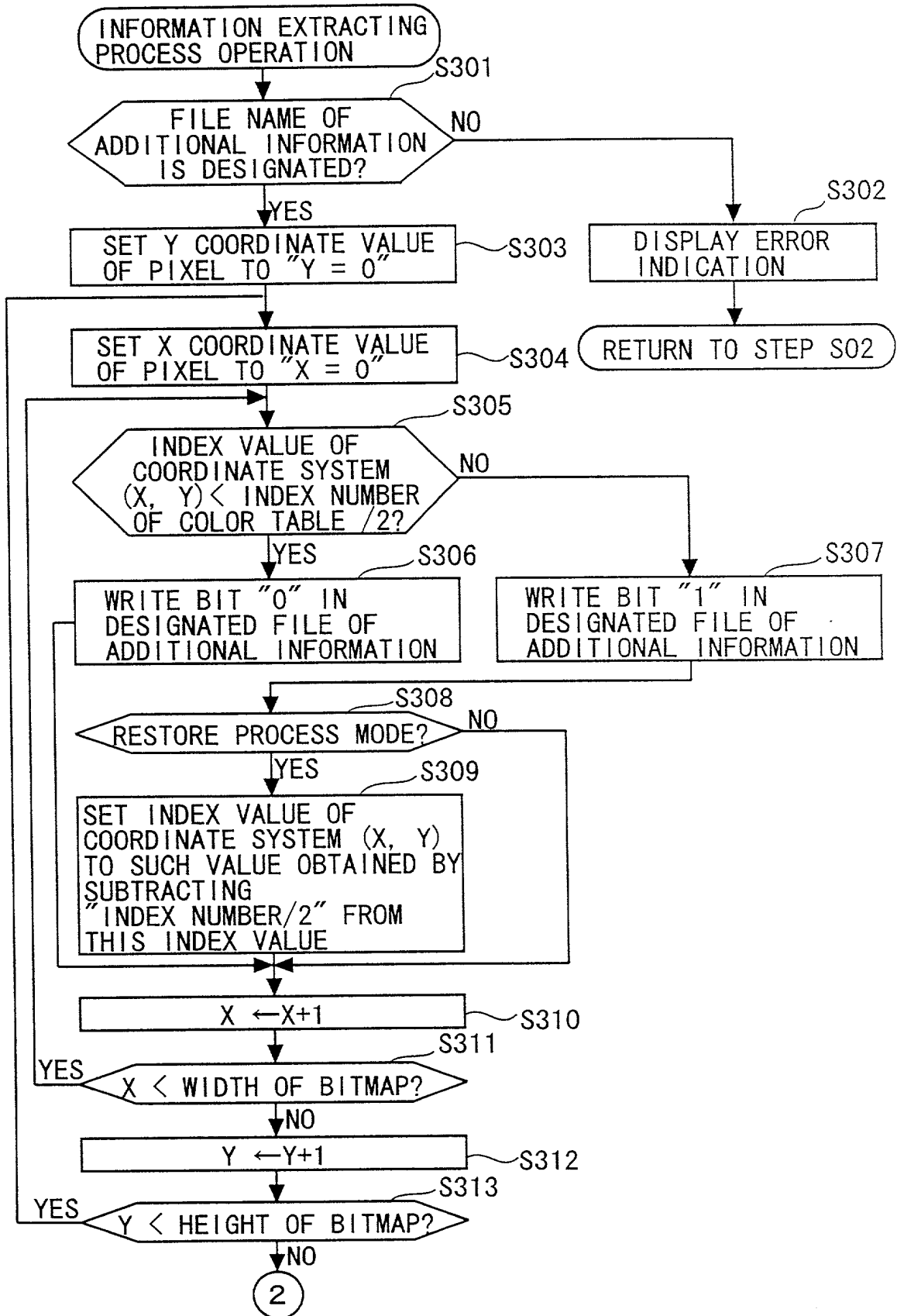


FIG. 18

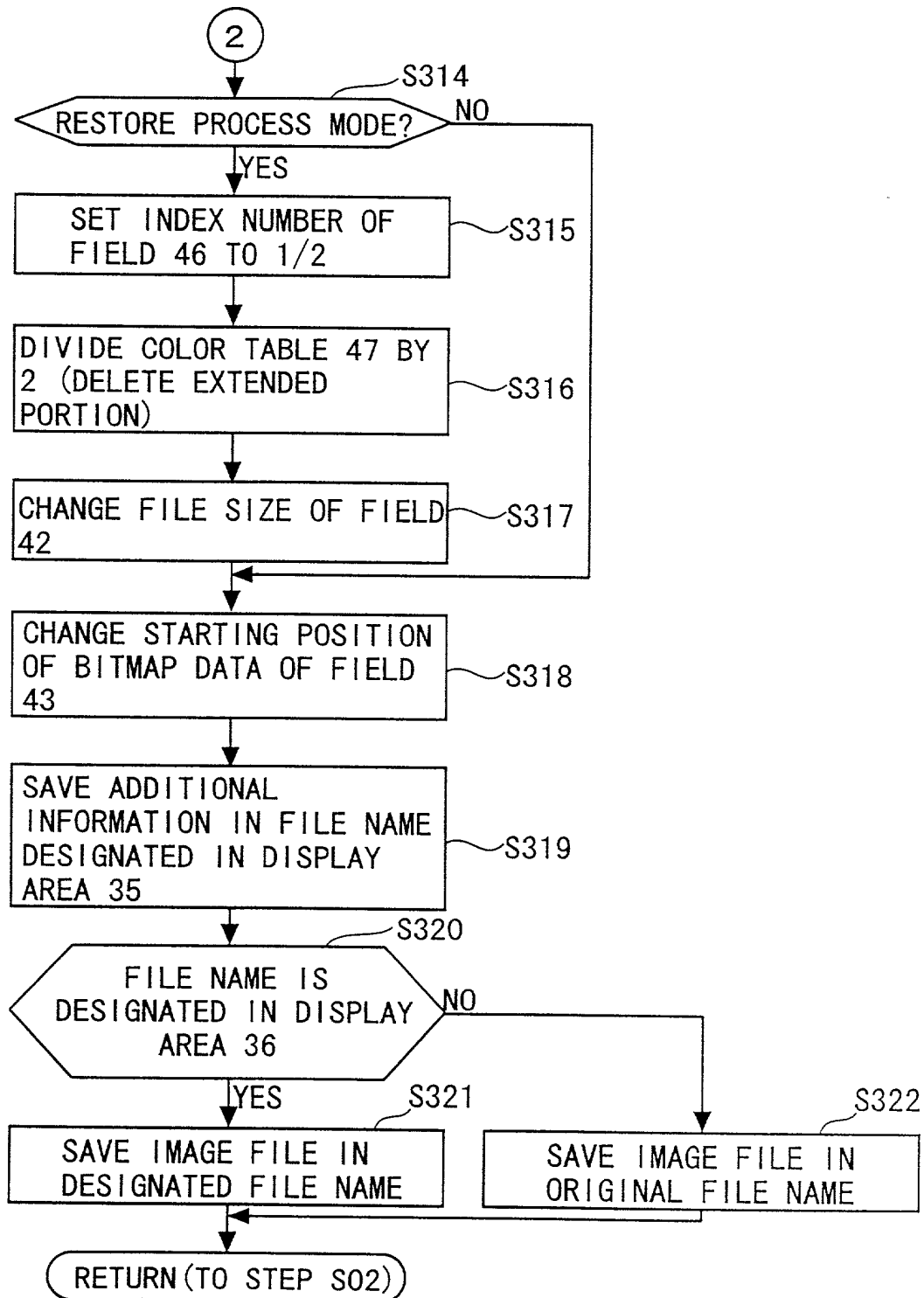


FIG. 19

ORIGINAL IMAGE (4 PIXELS x 4 PIXELS)

	X=0	X=1	X=2	X=3
Y=0	128	0	0	128
Y=1	0	128	128	0
Y=2	0	128	128	0
Y=3	128	0	0	128

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* NUMERAL VALUES ARE RGB VALUES

FIG. 20

FORMAT USING COLOR TABLE

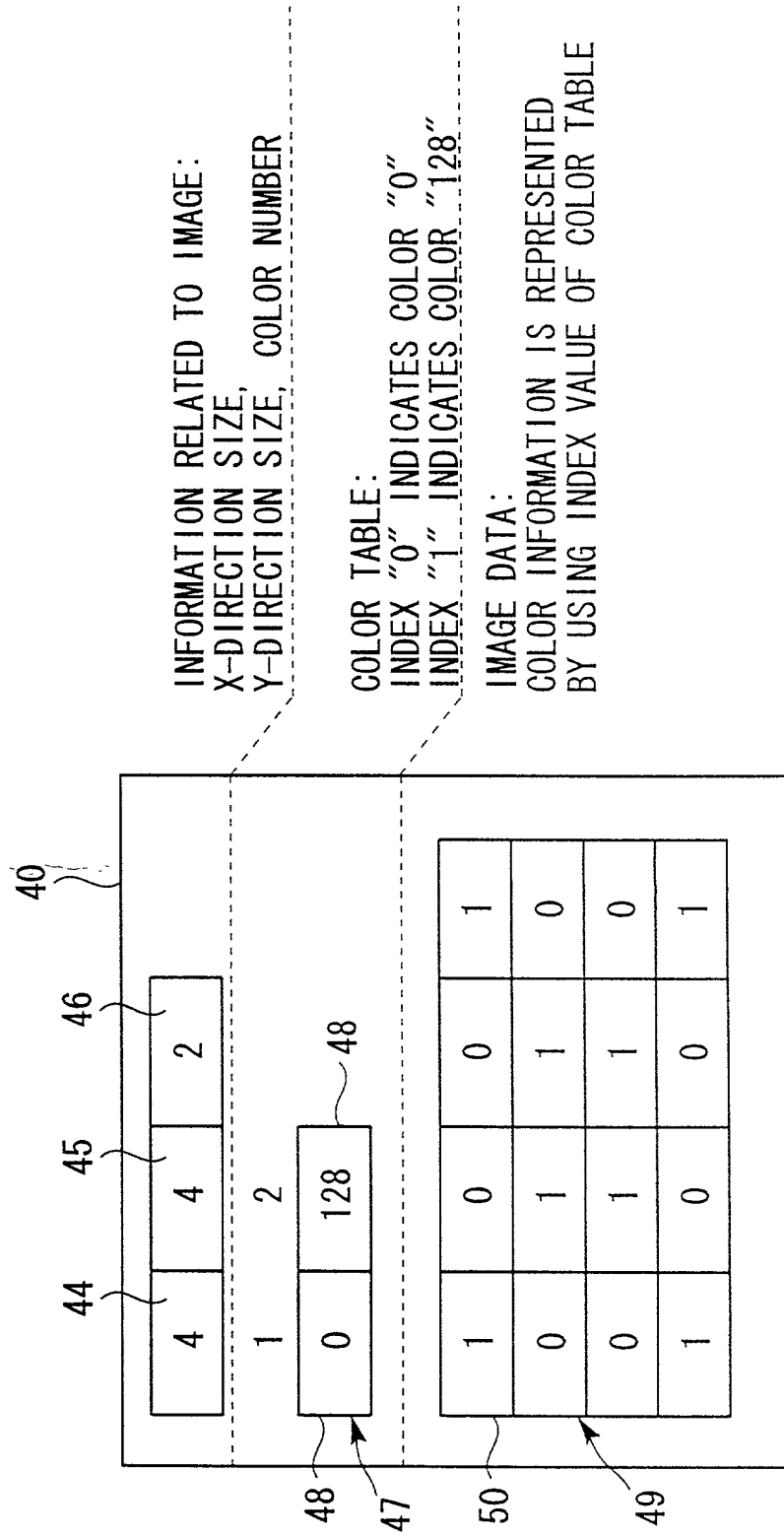
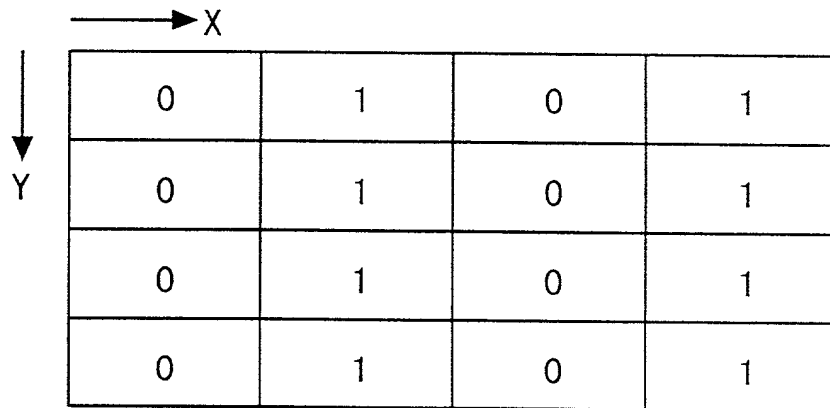


FIG. 21

INFORMATION ADDED TO IMAGE DATA:

ARRAY OF BIT STREAM 01010101010101



A 4x4 grid of bits. The horizontal axis is labeled 'X' with an arrow pointing right above the first row. The vertical axis is labeled 'Y' with an arrow pointing down to the left of the first column. The grid contains the following bits:

0	1	0	1
0	1	0	1
0	1	0	1
0	1	0	1

FIG. 22

COLOR TABLE IS EXTENDED IN ORDER TO ADD INFORMATION

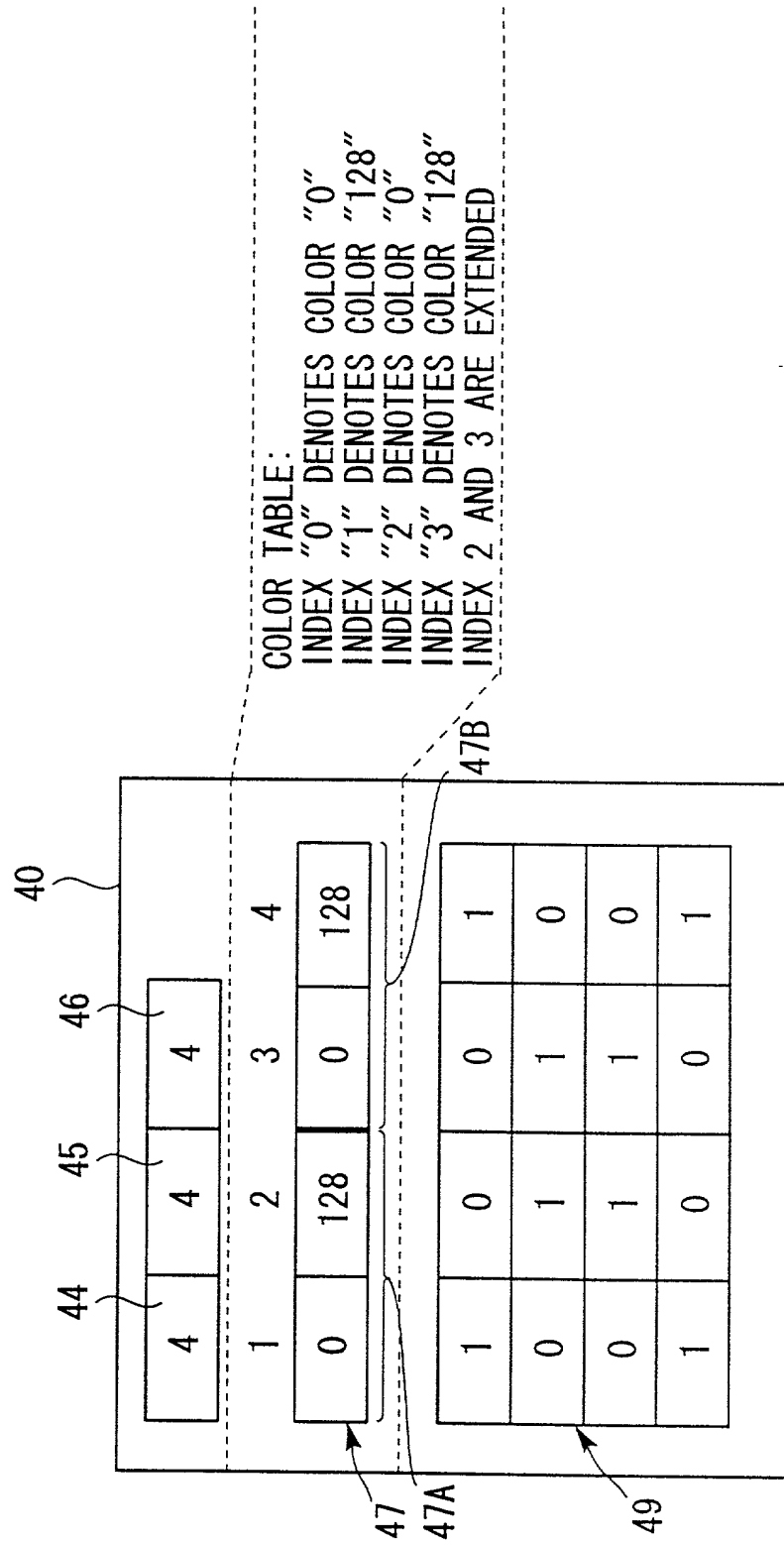
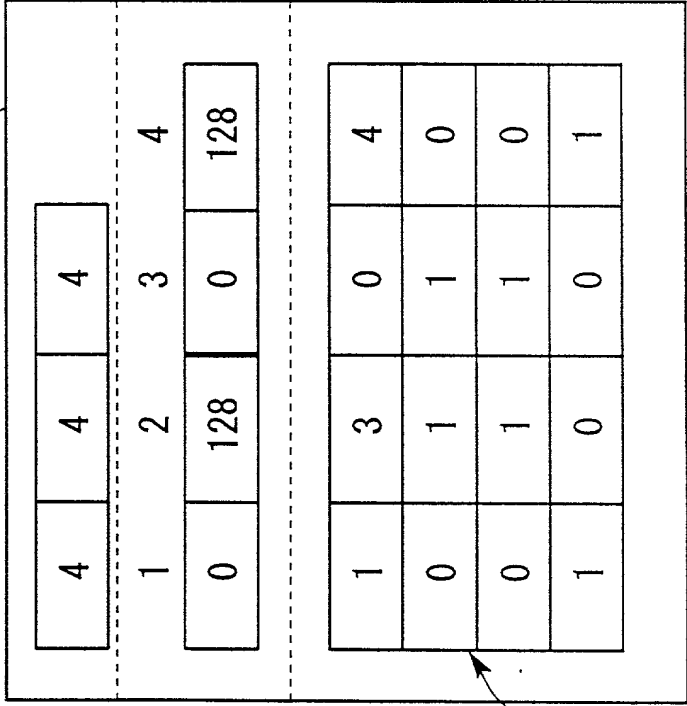


FIG. 23

CONDITION UNDER WHICH BITS OF BIT STREAM UPTO 4TH
BIT ARE ADDED TO EXTENDED FORMAT

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COLOR TABLE:

INDEX "0" DENOTES COLOR "0"
INDEX "1" DENOTES COLOR "128"
INDEX "2" DENOTES COLOR "0"
INDEX "3" DENOTES COLOR "128"
INDEX 2 AND 3 ARE EXTENDED

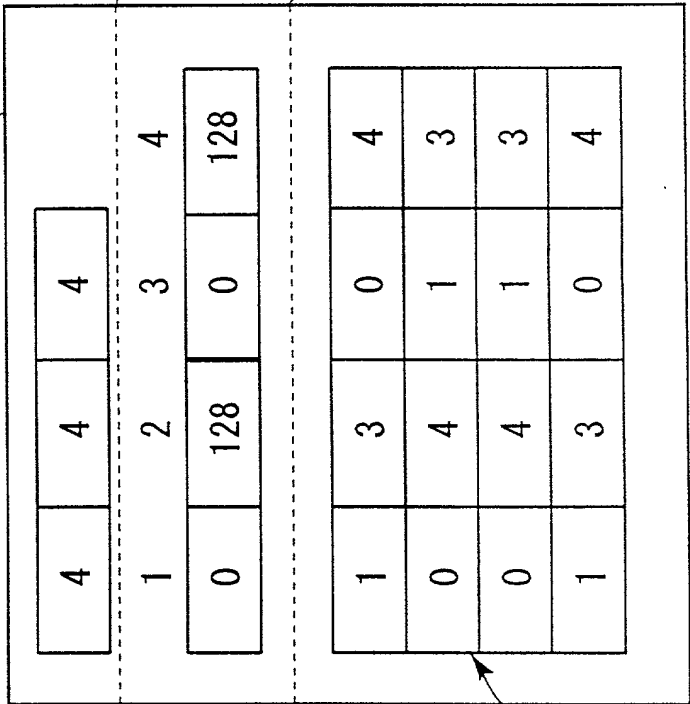
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* WHEN BIT OF INFORMATION TO BE ADDED IS "0", NORMAL INDEX VALUE IS UTILIZED.
WHEN BIT IS "1", INDEX VALUE OF EXTENDED PORTION IS USED.

FIG. 24

CONDITION UNDER WHICH ALL OF BIT STREAMS ARE ADDED

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COLOR TABLE:
INDEX "0" DENOTES COLOR "0"
INDEX "1" DENOTES COLOR "128"
INDEX "2" DENOTES COLOR "0"
INDEX "3" DENOTES COLOR "128"
INDEX 2 AND 3 ARE EXTENDED

* WHEN BIT OF INFORMATION TO BE ADDED IS "0", NORMAL INDEX VALUE IS UTILIZED.
WHEN BIT IS "1", INDEX VALUE OF EXTENDED PORTION IS USED.